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This application claims priority to PCT/DE 00/02947, filed on August 29, 2000, and German DE 199 41 186.7, filed August 30, 1999. The entire content of both these applications are incorporated by reference.

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Please insert page 39 with the following text:

ABSTRACT

The present invention relates to a method of sequence specific recombination of DNA in eukaryotic cells utilizing *att* sequences from the bacteriophage *lambda*. A particular embodiment of the invention relates to a method further comprising performing the sequence specific recombination of DNA with an *Int* and a *Xis* factor. The present invention further relates to vectors containing each of these sequences and their use as medicaments.

In the Claims

Please cancel claims 1-28, without prejudice or disclaimer.

Please add the following claims:

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29. (New) A method of sequence specific recombination of DNA in a eukaryotic cell, comprising:

- (a) providing said eukaryotic cell, said cell comprising a first DNA segment, said first DNA segment comprising an *attB* sequence according to SEQ ID NO:1 or a derivative thereof, an *attP* sequence according to SEQ ID NO:2 or a derivative thereof, an *attL* sequence according to SEQ ID NO:3 or a derivative thereof, or an *attR* sequence according to SEQ ID NO:4 or a derivative thereof;
- (b) introducing a second DNA segment into said cell, wherein if said first DNA segment comprises an *attB* sequence according to SEQ ID NO:1 or a derivative